

MOROZKIN, N.I., prof.; SOKOLOVSKAYA, A.P.

Diagnosis of attenuated and anicteric forms of infectious hepatitis (Botkin's disease). Vest. AMN SSSR 14 no.6:58-64 '59. (MIRA 13:6)

1. Institut infektsionnykh bolezney AMN SSSR, Kiyev. 2. Chlen-korrespondent AMN SSSR (for Morozkin).  
(HEPATITIS, INFECTIOUS)

SOKOLOVSKAYA, A. P.

Cand Med Sci - (diss) "Clinico-epidemiological evaluation of record periods of reconvalescents from scarlet fever." Chernovtsy, 1961. 12 pp; (Ministry of Public Health Ukrainian SSR, Chernovtsy Medical Inst); 200 copies; price not given; (KL, 5-61 sup, 206)

DEMIN, V.I.; SOKOLOVSKAYA, A.P.

Importance of determining bile acids in blood serum for the  
diagnosis of aborted forms of hepatitis. Nauch. inform. Otd.  
nauch. med. inform. AMN SSSR no.1:26-27 '61 (MIRA 16:11)

1. Instytut infektsionnykh bolezney (direktor - chlen-korres-  
pondent AMN SSSR prof. I.L.Bogdanov) AMN SSSR, Kiyev.

\*

GROMASHEVSKAYA, L.L.; DEMIN, V.I.; SHAPARENKO, V.N.; SOKOLOVSKAYA, A.P.

Evaluation of some biochemical indicators in the diagnosis of aborted forms of infectious hepatitis. Nauch. inform. Otd. nauch. med. inform. AMN SSSR no.1:27-28 '61. (MIRA 16:11)

1. Institut infektsionnykh bolezney (direktor - chlen - korrespondent AMN SSSR prof. F.I. Bogdanov) AMN SSSR, Kiyev.

\*

SOKOLOVSKAYA, A.P.; CHERNOVA, I.A.; LIBOVA, E.Ye.

Epidemiology and clinical aspects of aborted and anicteric forms of infectious hepatitis. Nauch. inform. Itd. nauch. med. inform AMN SSSR no.1:28-29 '61 (MIRA 16:11)

1. Institut infektsionnykh bolezney (direktor - chlen - korrespondent AMN SSSR prof. I.L.Bogdanov) AMN SSSR, Kiyev.

\*

SOKOLOVSKAYA, A. P.

Mbr., Lab. Genetics, Inst. Plant Ind., Leningrad-Pushkin, -1940. Mbr., Lab. Experimental Taxonomy Plants, Biol. Inst., Peterhof, -1941-. "Karyological Investigation of the Alpine Flora on the Main Caucasus Range and the Problem of Geographical Distribution of Polyploids," Dok. AN, 29, Nos. 5-6, 1940; "Polyploidy and Karyological Races Under Conditions in the Arctic," *ibid.*, 32, No. 2, 1941.

*SECRETARY D.D.*  
DENISOVA, G.A.; ZAKHAREVICH, S.F.; KIRPICHNIKOV, M.E.; KORCHAGIN, A.A.;  
MINYAYEV, N.A.; MISHKIN, B.A. [deceased]; MISHKINA, A.Ya. [deceased];  
MURAV'YEVA, O.A.; SOKOLOVSKAYA, A.P.; FLOROVSKAYA, Ye.F.; SHISHKIN,  
B.K., prof.; PETROVICHEVA, O.L., redl; VODOLAGINA, S.D., tekhn.red.

[Flora of Leningrad Province] Flora Leningradskoi oblasti. Ovt.  
red. B.K.Shishkin. [Leningrad]. no.2: 1957. 240 p. (MIRA 11:3)

1. Leningrad. Universitet. 2. Chlen-korrespondent Akademii nauk  
SSSR (for Shishkin)  
(Leningrad Province--Botany)

SOKOLOVSKAYA, A.P.

Pollen of arctic plants. Rast. Krain. Sev. SSSR i ee osv. no.3:  
245-292 '58. (MIRA 11:10)  
(Russia, Northern--Pollen)



SOKOLOVSKAYA, A.P.

Correlation between the number of chromosomes and the size of the  
pollen grain in arctic species of Ranunculaceae and Saxifragaceae.  
Bot. zhur. 43 no.8:1146-1155 Ag '58. (MIRA 11:9)

1. Leningradskiy gosudarstvennyy universitet im. A.A. Zhdanova.  
(Pollen) (Polyploidy) (Russia, Northern--Crowfoot)  
(Russia, Northern--Saxifrage)

SOKOLOVSKAYA, A.P.

Chromosome numbers in species of large-sized herbaceous plants of  
Sakhalin. Vest. LGU 15 no.9:135-137 '60. (MIRA 13:4)  
(SAKHALIN--GRASSES) (CHROMOSOMES)

SOKOLOVSKAYA, A.P.

Geolgraphical distribution of polyploid plant species (a study of the  
flora of Sakhalin). Vest.IGU 15 no.21:42-58 '60. (MIRA 14:4)  
(Sakhalin--Botany) (Polyploidy) (Phytogeography)

SOKOLOVSKAYA, A.P.; STRELKOVA, O.S.

Geographical distribution of polyploid plant species in the  
Eurasian Arctic. Bot.zhur. 45 no.3:369-381 Mr '60.  
(MIRA 13:6)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova i  
Gosudarstvennyy pedagogicheskiy institut ime. A.I.Gertsena,  
Leningrad.

(Russia, Northern--Phytogeography)  
(Polyploidy)

BORKHVARDT, V.S.; VASIL'YEV, I.V.; KOZLOVSKAYA, N.V.; MARKOVSKAYA, L.A.;  
MINYAYEV, N.A.; MURAV'YEVA, O.A.; SERGIYEVSKAYA, Ye.V.; SOKOLOV-  
SKAYA, A.P.; FLOROVSKAYA, Ye.F.; SHISHKIN, B.K., prof.; YUZEPCHUK, S.V., prof.  
[deceased]; KARPOVA, L.A., red.; ZHUKOVA, Ye.G., tekhn. red.

[Flora of Leningrad Province] Flora Leningradskoi oblasti. Otv.  
red. B.K.Shishkin. Leningrad, No.3. 1961. 266 p. (MIRA 14:10)

1. Leningrad. Universitet. 2. Chlen-korrespondent AN SSSR (Shishkin).
3. Kafedra botaniki Leningradskogo Ordena Lenina gosudarstvennogo uni-  
versiteta im. A.A. Zhdanova (for Sergiyevskaya, Yuzepchuk).  
(Leningrad Province—Dicotyledons)

SOKOLOVSKAYA, A.P.

Systematic position of the genera Sieversia Willd. and Neosieversia.  
Bot. zhur. 46 no. 2:234-236 F '61. (MIRA 14:2)

1. Leningradskiy gosudarstvennyy universitet.  
(Avens)

SOKOLOVSKAYA, A.P.

Correlation between the chromosome number and the size of pollen grain in wild plant species. Trudy MOIP. Otd.biol. 5:80-82 '62.  
(MIRA 16:5)

1. Kafedra botaniki Leningradskogo gosudarstvennogo universiteta.  
(CHROMOSOME NUMBERS) (POLLEN)

SOKOLOVSKAYA, A.P.; STRELKOVA, O.S.

Characteristics of the geographical distribution of polyploid  
plant species. Trudy MOIP. Otd.biol 5:83-89 '62.

(MIRA 16:5)

(POLYPLOIDY) (PHYTOGEOGRAPHY)



SOKOLOVSKAYA, A.P.

Karyologic differentiation of the species of the genus *Maianthemum*  
Web. in the U.S.S.R. Vest. LGU 17 no.15:133-138 '62.  
(MIRA 15:8)

(*Maianthemum*) (Chromosome numbers)

SOKOLOVSKAYA, A.P.

Geographical distribution of polyploid species of plants;  
study of the flora of Kamtchatka. Vest. LGU 18 no.15:38-52 '63.  
(MIRA 16:9)

(KAMCHATKA---BOTANY) (POLYPLOIDY)

SOKOLOVSKAYA, A. F.

"Ecosystematic investigations in the flora of the far east of the USSR."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

Leningrad State Univ.

SOKOLOVSKAYA, A.P.; MELIKYAN, A.P.

Karyotype of *Barclaya longifolia* Wall. Bot. zhur. 49 no.4:  
585-586 Ap'64. (MIRA 17:5)

1. Leningradskiy gosudarstvennyy universitet.

BORKHWARDT, V.S.; DROZDOVA, I.N.; ZAKHAREVICH, S.F.; KOZLOVSKAYA,  
N.V.; MARKOVSKAYA, L.A. [deceased]; MIKYAYEV, N.A.;  
MURAV'YEVA, O.A.; SERGIYEVSKAYA, Ye.V.; SOKOLOVSKAYA, A.P.;  
STANISHCHEVA, O.N.; TAKHTADZHYAN, A.L.; FLOROVSKAYA, Ye.F.;  
TSVELEV, N.N.; SHISHKIN, B.K., prof. [deceased]; SHMIDT, V.M.;  
DUBROVSKAYA, I.P., red.

[Flora of Leningrad Province] Flora Leningradskoi oblasti.  
Leningrad. No.4. 1965. 356 p. (MIRA 18:9)

1. Leningrad. Universitet. 2. Chlen-korrespondent AN SSSR  
(for Shishkin).

AID P - 2788

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 16/19

Authors : Shur, A. M. and A. Ye. Sokolovskaya

Title : Synthesis of the diallyl ester of  $\gamma$ -ketopimelic acid

Periodical : Zhur. prikl. chem. 28, 4, 444-445, 1955

Abstract : The synthesis of the ester is described in detail. The polymerization of the ester obtained was conducted at 98-100°C over a period of 38 hours, and a glass-like yellow substance insoluble in benzene and chloroform was obtained. One table, 6 references (4 Russian: 1932-1952)

Institution : Laboratory of Organic Chemistry of the Kishinev State University.

Submitted : D 13, 1952 (and again: N 17, 1954)

SHUMKIN, Boris Nikolayevich [deceased]; DANILOV, Anstoliy Ivanovich;  
SOKOLOVSKAYA, E.V., red.; LYUDKOVSKAYA, N.I., tekhn.red.

[What one should know about preventive inoculations] Chto nado  
znat' o predokhranitel'nykh privivkakh. Moskva, Gos.izd-vo med.  
lit-ry Medgiz, 1960. 42 p. (MIRA 13:11)  
(VACCINATION) (COMMUNICABLE DISEASES--PREVENTION)

СЕРИЯ СКАЯ, F.I.

PHASE I BOOK EXPLANATION

80/419

Справочник по машиностроительным материалам, том 1. Неметаллические материалы (Handbook on Machine-Building Materials, Vol. 1. Nonmetallic Materials). Moscow, Mashin, 1960. 723 p. Extra slip inserted. 6,000 copies printed.

Ed.: G.I. Pechko-Alexandrov, Doctor of Technical Sciences, Professor; Ed. of this Vol.: A.G. Lavin, Doctor of Technical Sciences, Professor; Ed. of Publishing House: V.I. Rybakov, Engineer; Tech. Ed.: T.F. Sokolova; Managing Ed. for Information Literature (Mashin): I.M. Koshchynsky, Engineer.

REMARKS: This book is intended for machine-building and construction engineers, architects, and other persons interested in the properties of building materials.

COMMENTS: This is the fourth of a 4-volume Handbook on Machine-Building Materials. Volume 1 contains data on materials suitable for use in machine building and in other constructional applications: plastics, cement, rubber, and glass materials and laminates of these materials. The book contains data on their physical and mechanical properties are listed. No personalities are mentioned. References follow individual chapters.



Handbook on Machine-Building Materials (cont.)	607/M19
Methods of testing and quality control of coatings	224
Coated coatings	224
Plastic-pitch materials	224
Plastic solutions for storage batteries	225
The effect of various factors on the physical, mechanical, and dielectric properties of plastics	226
Ch. V. Rubber Materials (Rubber, P.I., Candidate of Technical Sciences; P.I. Lobkov, Engineer; P.I. Sidorovskiy, Candidate of Technical Sciences; V.A. Lepikov, Candidate of Technical Sciences) and B.I. Gornitskiy, Candidate of Technical Sciences)	235
General information	235
Tires	235
Pneumatic tires	238
Automobile and motorcycle tires	238
Pneumatic parts of tires	239
Markings and size of tires	240
Standards of approved mileage for tires	247
Displacement of tires	247

Cont 7/15

Handbook on Machine-Building Materials (Cont.)

SOV/4419

Specification markings of tires	267
Agricultural tires	267
Pneumatic tires for bicycles	268
Solid-rubber tires	269
Valve stems	270
Fiber-reinforced rubber belts and bands	271
Belts [i. e. drive belts, fan belts, etc.]	271
Conveyer belts	275
Hoses	280
Supply hoses of fiber-reinforced rubber	280
Reinforced rubber-textile hoses	284
Rubber-fiber hoses reinforced with metal braiding	287
Suction hoses	289
Methods of testing supply and suction hoses	293
Supply hoses made to technical specification	294
Piping	298
Rubber parts in machine building	303
Rubber packings	304
Rubber-metal bushings	311
Rubber shock-absorbing parts	314
Auxiliary rubber materials	319
Electric insulating materials and articles	319
Card 8/15. Ebonite articles	319
Electric insulating materials made from soft rubber	321

SOKOL'SKAYA, F.M. [Sokol's'ka, F.M.]

Treating tuberculous allergic diseases of the eye. Ped., akush. i  
gin. 19 no.2:31-36 '57. (MIRA 13:1)

1. Tuberkuleznoye otdeleniye (zav. - Yu.G. Lerman) 6-y detskoy bol'-  
nitsy g. Kiyeva (glavnyy vrach - T.P. Novikova).  
(EYE--TUBERCULOSIS)

*ting*

**Cords for belts.** A. P. CHELYUK and F. M. SOKOLOVSKAYA (Kauchuk i Rezina, 1940, No. 9, 45-9; I.R.W., 1940, 116, 316).—Several kinds of belt cord are analysed and their advantages and disadvantages discussed. The quality of a cord is determined by its twist, elongation, tension of fibre during cording, wet twisting, vacuum treatment, and saturation with adhesive substances.

00112221.1

~~CHILYUK, A.P.; SOKOLOVSKAYA, F.M.; POZIN, A.A.; KHODOSH, S.I., redaktor;~~  
LUR'YE, M.S., tekhnicheskii redaktor

[Manufacture of driving belts, conveyor belts and hoses] Proizvod-  
stvo privodnykh remnei, transportnykh lent i rukavov. Moskva, Gos.  
nauchno-tekhn. izd-vo khimicheskoi lit-ry, 1954. 244 p. (MLRA 8:3)  
(Hose) (Belts and belting)

GORELIK, B.M.; SOKOLOVSKAYA, F.M.

Traction capacity of rubberized V-belts. Kauch. i rez. 16  
no.3:24-28 Mr '57. (MIRA 12:3)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.  
(Rubberized fabrics--Testing)  
(Belts and belting)

SOKOLOVSKAYA, F.M.

28-58-1-17/34

AUTHORS: Sokolovskaya, F.M., Candidate of Technical Sciences, and  
Shentyakova, L.Z., Engineer

TITLE: Driving V-Belts (Privodnyye klinovyye remni)

PERIODICAL: Standartizatsiya, 1958, # 1, pp 45-46 (USSR)

ABSTRACT: The article gives detailed information on the new "GOST 1284-57"-standard for V-belts, which will be in force from 1 October 1958, and replaces the "GOST 1284-45". The V-belt dimensions, as well as the dimensions, materials and machining methods for the pulleys, are chosen in accordance with ISO/TC 41 recommendations. The length gradations of belts correspond to the series R40 of the preference numbers series system. The belt tension, 12 kg/cm<sup>2</sup> for belts working on small diameter pulleys, and 15 kg/cm<sup>2</sup>, for belts working on large pulleys, has been made the standard, as a result of investigations made by the Scientific Research Institute of the Rubber Industry, as well as in accordance with ISO/TC 41 recommendations and the latest foreign standards.

Card 1/2

Driving V-Belts

28-58-1-17/34

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti  
(Scientific Research Institute of the Rubber Industry)

AVAILABLE: Library of Congress

Card 2/2



80V/122-59-2-9/34

AUTHOR: Sokolovskaya, F.M., Candidate of Technical Sciences

TITLE: On the Power Transmitted by Narrow V-Belts (О мощности, передаваемой узкими клиновыми ремнями)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 2, pp 31-32 (USSR)

ABSTRACT: Narrow V-belts with nylon cord measuring 10.5 and 8.5 mm, a wedge angle of  $40^{\circ}$  and internal circumferential lengths of 800 and 985 mm are made for radiator fan drives in Russian motor cars. A national standard for computing their load capacity does not exist. The breaking strength and the endurance are the criteria. Special tests are reported carried out in accordance with the procedure of the National standard GOST 5813-51. The relation between the number of bending cycles (Fig 2) leads to the conclusion that under normal conditions, the mean tensile stress in standard belts should be  $12 \text{ kg/cm}^2$ . Owing to better resistance against flexure, it is permissible to use the narrow V-belt with a higher mean tension. The optimum value is  $28 \text{ kg/cm}^2$ . Tests for pulling capacity were carried out in a rig consisting of a motor with pendulous stator, a braking and tensioning device and incorporating a slip measuring

Card 1/2

SOV/122-59-2-9/34

On the Power Transmitted by Narrow V-Belts

arrangement. The tests were carried on until complete slipping occurred. The slip curves were the basis for determining the driving ratio of the belt. For pulleys of 75 and 150 mm, the driving ratio is 0.51 and 0.58 respectively. To compute the power transmissible by the belt and empirical correction coefficient is used (Fig 3). The narrow belt is shown to need less correction at high speeds. There are 3 figures and 1 table.

Card 2/2

SOV/122-59-4-6/28

AUTHORS: Sokolovskaya, F.M., and Vorob'yev, I.I.,  
Candidates of Technical Sciences

TITLE: A Series of Broad V-Belts for Infinitely Variable Speed  
Transmission (Ryad shirokikh klinovykh remney dlya  
variatorov)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, <sup>29</sup>Nr 4, pp 32-33 (USSR)

ABSTRACT: The advantages in variable speed drives of V-belts with  
a width to thickness ratio greatly exceeding standard  
V-belt sections consist of an increased control range  
and reduced size of the transmission. The necessary  
transverse stiffness is obtained by transverse teeth.  
Those with teeth on the tension side are better mainly  
because they can be made with wrapped side surfaces. A  
series of broad belts with and without teeth has been  
provisionally standardized by the Nauchno-Issledovatel'-  
skiy Institut Rezinovoy Promyshlennosti (NIIRP)  
(Scientific Research Institute of the Rubber Industry)  
together with the Eksperimental'nyy Nauchno-Issledovatel'-  
skiy Institut Metallovezhushchikh Stankov (ENIMS)  
Card 1/2 (Experimental Scientific Research Institute for Metal  
Cutting Machine Tools). The wedge angle of all belts

SOV/122-59-4-6/28

A Series of Broad V-Belts for Infinitely Variable Speed  
Transmissions

with cross-sections tabulated in Table 1 amounts to 34°. The series of lengths approved for production is shown in Table 2. The maximum power transmitted by the belt section at a speed of 20 m/sec is given in Table 3. At 5 m/sec belt speed, a correction coefficient of 0.31 is applied; at 30 m/sec, a coefficient of 0.72.

There are 3 tables.

Card 2/2

SOKOLOVSKAYA, F.M.

Flat-toothed belts. Stan.i instr. 32 no.8:16-18 Ag '61.  
(MIRA 14:8)

(Belts and belting)

SOKOLOVSKAYA, F.M.

Driving V-belts for agricultural machinery. Standartizatsiia 26  
no.8:29-31 Ag '62. (MIRA 15:8)  
(Belts and belting--Standards)

SOKOLOVSKAYA, F.M.; BOGAYEVSKIY, A.P.

Wedge belts in foreign countries. Kauch. i rez. 22 no.8:18-24  
Ag '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

SOKOLOVSKAYA, F.M.; GURAYEVSKAYA, V.H.

Manufacture of flat-toothed belts. Kauch. i rez. 23 no.2:35-38  
F '64. (MIRA 17:3)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.



SOKOLOVSKAYA, F.M.; VOROB'YEV, I.I.

Dimension and parameters of flat cogged belts. Kazh. 1 rez.  
23 no.10:32-36 O '64. (MIRA 18:2)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

*SOKOLOVSKAYA, G.G.*  
SOKOLOVSKAYA, G.G.

Methods for rating the quality of culture media. Lab.delo 3 no.5:  
31-32 S-0 '57. (MIRA 11:2)

1. Iz kafedry epidemiologii (zav. - prof. L.V.Gromashevskiy)  
Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta  
imeni A.A.Bogomol'tsa.  
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

SOKOLOVSKAYA, G. G. Cand Med Sci -- (diss) "Cultivation of dysentery microbes  
in ~~protein-hydrolysates culture media~~ <sup>protein-hydrolysates</sup>." Kiev, 1958. 8 pp (Kiev Med Inst im  
Academician Bogomolets A. A.), 200 copies (KL, 36-53, 116)

SOKOLOVSKAYA, G.G. [SOKOLOVS'KA, H.H.]

Effect of B vitamins on the development of dysentery microbes.  
Mikrobiol.zhur. 20 no.2:65-67 '58 (MIRA 11:7)

1. Z Kiy'kogo medichnogo institutu im. O.O. Bogomol'taya.  
(VITAMINS--B)  
(SHIGELLA PARADYSENTERIAE)

SOKOLOVSKAYA, G.G.

Some epidemiological characteristics of infections caused by  
conditioned pathogenic agents. Zhurnal mikrobiol., epid. i immun.  
40 no.9:114-116 1968.

1. Iz Kiyevskogo onkologicheskogo i krasnogo krasnogo meditsinskogo  
instituta.

SOLOVYOVAYA, G.G.

Role of phagocytosis in the pathogenesis of tetanus, Zhur. mikro-  
biol., epid. i immun. 42 no.1:41-44 Ja '65.

(MIRA 18:6)

1. Kiyevskaya ordena Trudovogo Krasnogo Znameni meditsinskiy insti-  
tut im. akademika A.A. Bogomoletsa.

SOKOLOVSKAYA, I. I.

"Hyaluronidase--Factor of the Penetration of Spermatozoida in the Ovum in Mammals," Dok.  
v-s Ak. Selkhoz. Nauk, No. 3, 1948. Cand. Biological Sci. Mbr., All-Union Sci. Res.  
Inst. Livestock Raising, -c1948-.

SOKOLOVSKAYA, I. I.

Sokolovskaya, I. I. "Is vegetative hybridization of animals possible?", Karakulevodstvo i zverovodstvo, 1949, No. 2, p. 26-28.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).



SOKOLOVSKAYA, I.I.

"Biological Problems Of Fertility In Agricultural Animals" (p.163) by I.I.  
Sokolovskaya

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. XI, 1950, No.3

1. SOKOLOVSKAYA, I. I.
2. USSR (600)
4. Fertilization (Biology)
7. Impregnation of farm animals in the light of Michurin's teaching. Trudy VIZh 20 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

SOKOLOVSKAYA, I. I.

"Fecundation Problems of Farm Animals." Dr Biol Sci, All-Union  
Sci Res Inst of Animal Husbandry, Moscow, 1953. (RZhBiol, No 6, Nov  
54)

Survey of Scientific and Technical Dissertations Defended at USSR  
Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

SOKOLOVSKAYA, I.I.

Aminopolysaccharides and enzymes acting on them in fertilization of mammalian ova. I. I. Sokolovskaya. *Zhur. Obshchei Biol.* 14, 90-112 (1953). Rabbit ova and semen are first supported by a hyaluronate gel, which is degraded by hyaluronidase to make way for another gel, later degraded by mucinase. Hyaluronidase is a mucinase-type enzyme (degrading mucoids and true mucins). Functions of gel breakdown include release of ova from the follicles and sensitizing ova to union with semen. Both enzymes can be dried and stored many months without losing their activity. 33 references. Julian P. Smith

SOKOLOVSKAYA, I.I.; DROZDOVA, L.P.

Some problems in the fertilization of animals. Zhur.ob.biol. 15  
no.6:439-445 N-D '54. (MLRA 8:5)  
(FERTILIZATION (BIOLOGY))

MILOVANOV, V.K.; SOKOLOVSKAYA, I.I.; CHUBENKO, N.S.; TRUBKIN, G.D.:  
TSVETKOV, I.V.; BAYEV, K.D., red.; LEVINA, L.G., tekhn. red.

[Operating methods of stations for the artificial insemination of farm animals] Tekhnologiia raboty stantsii po iskusstvennomu osemeneniiu sel'skokhoziaistvennykh zhivotnykh.  
Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1961. 145 p.  
(MIRA 15:2)

(Artificial insemination)

MILOVANOV, V.K.; SOKOLOVSKAYA, I.I.

The present status of the problem of fertilization of farm animals.  
Zhur. ob. biol. 16 no.5:383-396 S-0 '55. (MLRA 9:3)

(STOCK AND STOCKBREEDING) (FERTILIZATION (BIOLOGY))

LEBEDEVA, V.A., laborant; SOKOLOVSKAYA, I.I., doktor biologicheskikh nauk, professor; DROZDOVA, L.P., kandidat biologicheskikh nauk; GOLYSHEVA, M.G., kandidat biologicheskikh nauk; KOROTKOV, A.I., kandidat biologicheskikh nauk; MAKSIMOV, Yu.L., zootekhnik.

Importance of antibiotics, sulfa drugs and vitamins in preserving semen. Izv. TSKhA no.2:193-214 '56. (MLRA 9:12)

(Semen) (Antibiotics) (Vitamins)



SOLOLOVSKAYA, I. I.

Perfecting a medium for semen of farm animals. I. I. Sokolovskaya, L. P. Drozdova, M. G. Golynitsaya, A. I. Korotkov, Yu. V. Maksimov, and V. A. Lebedeva. Doklady Vsesoyuz. Akad. Sel'sk. Khoz. Nauk im. V. I. Lenina

21, No. 7, 17-24(1956).—The K salt of cryst. penicillin, 250-1000 units/ml. of dild. semen, streptomycin hydrochloride, 200 units/ml., white streptocide, 1 mg./ml., a combination of these, or glycerol, 2.5%, depresses the growth of saprophytes in dild. semen, when kept at 0°, without decreasing the motility of the spermatozoa and fecundation. Thiamine (30-100 γ/ml. and vitamin B<sub>12</sub> (optimum 4-30 γ/ml. of dild. semen) increase the time of viability of the sperm. The thiamine increases the bacteriostatic effect of the antibiotics. J. S. Ioffe

*SOKOLOVSKAYA, I.I.*

MILOVANOVA, V.K., akademik; SOKOLOVSKAYA, I.I.; doktor biologicheskikh nauk; DROZDOVA, L.P.; kandidat biologicheskikh nauk; SYTINA, M.V.; KULESHOVA, V.G.

Three new microrespirometers for studying the metabolism of small biological specimens. Dokl.Akad.sel'khoz.21 no.11:17-21 '56.  
(MLBA 9:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.  
(Respirometer) (Spermatozoa) (Embryology)

N/5  
727.01  
.S6

Sokolovskaya, Irina Ivanovna

Problemy oplodotvoreniya sel'skokhoz-  
yaystvennykh Zhivotnykh (Problems  
of Impregnation of Agricultural Ani-  
mals) Moskva, "Sovetskaya Nauka",  
1957.

313 P. Illus., Diagsr., Graphs,  
Tables.

"Literatura": P. 287-311

USSR/Farm Animals. General Problems. Q

Abs Jour: Ref Zhur-Biol., 1958, No 17, 78666.

Author : Milovanov, V. K.; ~~Sokolovskaya, I. I.~~  
Inst : All-Union Academy of Agricultural Sciences ineni  
V. I. Lenin.

Title : Achievements of Soviet Science in the Biology of  
Reproduction and Artificial Insemination of Farm  
Animals in the USSR.

Orig Pub: Dokl. VASKhNIL, 1957, No 10, 34-42.

Abstract: No abstract.

Card : 1/1

USSR / Farm Animals. General Problems.

Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21178

ducts in females, is introduced into the composition of the media for the sperm of bulls and rams. The medium of the females' sexual ducts is not favorable to a long-lasting preservation of the specific properties of male gametes and especially of female gametes in cattle - namely their ability to unite. If sperm is introduced 2 - 4 hours after ovulation, fertilization hardly takes place. When crystallized penicillin combined with streptomycin is employed in preparing dry preparations of fermented media, sperm survives better and fertilization increases. A method for the preparation of an active phospholipid preparation has been developed which permits to render the medium more transparent, rapidly soluble and equipped to protect spermatozoons from a cold shock. -- A. D. Musin

Card 2/2

1

USSR/Farm Animals. General Problems

Q-1

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 88010

Author : ~~Sokolovskaya I.I.~~

Inst : Moscow Agricultural Academy imeni K.A. Timiryazev

Title : Some Results and Prospects of Biological Studies in the  
Fertilization of Farm Animals.

Orig Pub : Dokl. Mosk. s.-kh. akad. in. K.A. Timiryazeva, 1957, vyp. 30,  
ch. 2, 9-21

Abstract : A survey of the newest scientific research on the fertiliza-  
tion of farm animals. Special attention is devoted to the  
investigation of changes in the metabolism of the ovum and  
spermatozoon during the process of fertilization, and the  
effect of the medium on the gamete.

Card : 1/1

SOKOLOVSKAYA, I.I., doktor biol. nauk; BEL'KEVICH, V.I., kand. biol. nauk;  
GOLYSHEVA, M.V., kand. biol. nauk; MOTUZOVA, I.A., kand. biol. nauk;  
KLYUCHEREVA, Z.S., kand. biol. nauk.

Effect of ultrasonic waves on the protective characteristics of  
the artificial media of the semen of farm animals. Dokl. Akad.  
sel'khoz. 24 no.3:30-35 '59. (MIRA 12:5)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut zhivetnovodstva.  
Predstavlena akademikom V.K. Milevanovym.  
(Semen--Preservation)  
(Ultrasonic waves--Physiological effect)

MILOVANOV, V.K., akademik; SOKOLOVSKAYA, I.I., doktor biolog, nauk

Theory of the temperature shock to the spermatozoons of  
mammals. Dokl.Akad.sel'khoz. 24 no.8:3-8 '59.  
(MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.  
(Spermatozoa) (Artificial insemination)



MILOVANOV, Viktor Konstantinovich, akademik; SOKOLOVSKAYA, Irina Ivanovna, doktor biolog.nauk; KATSNEL'SON, S.M., red.; ATROSHCHENKO, L.Ye., tekhn.red.

[Artificial insemination of farm animals; the significance, present-day status, and future application of artificial insemination of farm animals] Iskusstvennoe osemenenie sel'skokhoziaistvennykh zhivotnykh; znachenie, sovremennoe sostoianie i perspektivy primeneniia iskusstvennogo osemeneniia sel'skokhoziaistvennykh zhivotnykh. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.9). (MIRA 13:6)

1. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Milovanov).  
(Artificial insemination)

MILOVANOV, V.K., akad.; PARSHUTIN, G.V., doktor biol. nauk; SOKOLOVSKAYA, I.I.,  
doktor biol. nauk; OZHIN, F.V.; TSITOVICH, Ye.V.; TRUBKIN, G.D., red.;  
CHUBENKO, N.S., red.; TSVETKOV, I.V., red.; YERZINA, Z.K., red.; ME-  
SHCHANKINA, A.B., red.; SAYTANIDI, L.D., tekhn. red.

[Album on the artificial insemination of livestock] Al'bom po iskus-  
stvennomu osemeneniiu sel'skokhoziaistvennykh zhivotnykh. Moskva, Izd-  
vo M-va sel'.khoz. RSFSR, 1960. 134 p. (MIRA 14:10)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye plemennogo dela i  
plemsovkhozov.

(Artificial insemination)

(Livestock)

SOKOLOVSKAYA, I.I., doktor biol. nauk, prof., red.; NECHIFORUK, L.P.,  
red.; DEYEVA, V.M., tekhn. red.

[Artificial insemination of swine] Iskusstvennoe osemenenie  
svinei. Moskva, Sel'khozizdat, 1962. 212 p. (MIRA 16:2)  
(Artificial insemination) (Swine)

SOKOLOVSKAYA, I.I.

All-Union Scientific Research Institute of Animal Husbandry.

Report to be submitted for the 13th International Conference on  
Domestic Animals, Wels, Austria, 29 Aug- 1 Sep 63.

SOKOLOVSKAYA, I. I. (Prof)

"Embryonic mortality: some causes and measures of preventing."

report presented at the 5th Intl Cong on Animal Reproduction & Artificial  
Insemination, Trent, Italy, 6-13 Sep 64.

All-Union Sci Res Inst of Animal Husbandry, Moscow.

SEMAKOV, V.G.; SOKOLOVSKAYA, I.I.

Effect of some estrogens and progesterone on the tubal secretion  
in female rabbits. Probl. endok. i gorm. 11 no.5:108-112 S-O '65.  
(MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva  
poselka Dubrovitsy Moskovskoy oblasti. Submitted June 25, 1964.

СЕРГЕЕВ, Л. П.

Sodium

Study of surface ionization of sodium on platinized tungsten. *Kis. Khim. Ser. Vest. Len.*  
no. 7, No. 11, 1954.

Monthly List of Russian Accessions, Library of Congress  
June 1953. UNCL.

MIRKINA, N.L., inzh.; SOKOLOVSKAYA, I.Yu., inzh.

Experience in the use of epoxy resins. Trudy LMZ no.9:223-234  
'62. (MIRA 16:6)  
(Epoxy resins)



SOKOLOVSKAYA, L.

Study of the effectiveness of mole drainage under Latvian SSR conditions. In Russian. Vestis Latv ak no.5:175-180 '60.  
(KEAI 10:7)

(Latvia--Drainage)

SOKOLOVSKAYA, L.

Effect of atmospheric circulation on the ice regime on the shores of Latvia. Vestis Latv ak no.3:51-58 '62.

1. Institut geologii i poleznykh iskopayemykh AN Latviyskoy SSR.

BERLYAND, O.S.; SOKOLOVSKAYA, L.A.

The functions  $i^{\nu} \operatorname{erfc} x$ . Inzh.-fiz.zhur. no.11:121-124 N '58.  
(MIRA 12:1)

1. Institut prikladnoy geofiziki AN SSSR, G. Moskva.  
(Thermal diffusivity) (Errors, Theory of)

L 07525-67 EWT(d)/EWT(1)/EWP(v)/EWP(k)/EWP(h)/EWP(1) TG

ACC NR: AR6028115

SOURCE CODE: UR/0372/66/000/005/G016/G016

AUTHOR: Serikov, Yu. A.; Manusevich, L. S.; Sokolovskaya, L. I.

TITLE: Some problems in improving reliability, related to the design and manufacture of discrete automatic systems *14* *25*

SOURCE: Ref. zh. Kibernetika, Abs. 5G113

REF SOURCE: Sb. Avtomatiz. khim. i neftekhim. proiz-v. Vyp. 1. M., 1965, 13-32

TOPIC TAGS: discrete automatic system, reliability engineering, system reliability,  
*AUTOMATIC CONTROL EQUIPMENT*

ABSTRACT: The report considers problems on proper development of an operating design, as exemplified by a case of complex discrete automatic systems. All types of failures of components employed in discrete automatic equipment are classified in two groups by possible cause of their occurrence. Group I comprises failures ascribable to deficiencies in design evolution, group II involves failures related to substandard technology in the manufacturing process. [Translation of abstract] 25 illustrations.  
B. L.

SUB CODE: 09

UDC: 62-507.019.3

Card 1/1

SOKOLOVSKAYA, L.Ya.

Probability of ice formation and the agents responsible for it.  
(MIRA 15:7)  
Okeanologiya 2 no.4:631-639 '62.  
(Sea ice)

SOKOLOVSKAYA, L.Ya.

Oceanographic characteristics of waters with reduced  
salinity in the period of ice formation. Okeanologia 2  
no.6:981-987 '62. (MIRA 17:2)

SOKOLOVSKAYA, L.Ya.

Effect of precipitation on the formation of ice. Vop. geog.  
no.62:181-191 '63. (MIRA 17:3)

ROMODANOVSKAYA, O.V.; SOKOLOVSKAYA, M.V.

Tertian malaria with a long and short incubation period in persons arriving from the southern parts of the U.S.S.R. Med.paraz. i paraz. bol. 25 no.2:149-153 Ap-Je '56. (MLRA 9:8)

1. Iz parazitologicheskogo otdela Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach M.S.Sokolovskiy, zav. otdelom O.V.Romodanovskaya)

(MALARIA, epidemiol.

in Russia, long & short incubation periods)



SEKOLOVSKAYA, N. A.

"The Characteristics of the Water-Air Regime of Peat Soils in the Lowland Swamps of the Baradinskaya Lowlands." Cand Agr Sci, Soil Inst imeni V. V. Dokuchayev, Acad Sci USSR, Moscow, 1955. (KL, No 15, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

SOKOLOVSKAYA, N.A.

Hydro-physical properties of waste lands in steppe and forst-steppe  
regions of Western Siberia. Trudy Biol. inst. Zap.-Sib. fil. AN  
SSSR no.3:131-138 '57. (MIRA 13:10)  
(Siberia, Western--Soil physics)

111

CA SOKOLOVSKAYA, N.N.

The influence of semen on the mucin of the animal

organism. N. N. Sokolovskaya. *Doklady Vsesoyuz. Akad. Nauk SSSR*. 1950. No. 1, 12-15 (1950). - An enzyme capable of liquefying some mucins was found in the semen of rabbits. This enzyme was named mucinase. It differs from hyaluronidase inasmuch as it does not liquefy hyaluronic acid. Mucinase is capable of liquefying vagina mucosa of cows in a diln. of 1 to 1000. By adding mucinase to the diluents used in artificial insemination the liquefaction of the mucosa was carried out. The mixt. used in prepg. the semen diluent consisted of 68% glucose, 32% Na citrate, and 0.8% mucinase (percentage of glucose and Na citrate). This powder is dissolved in water, 4.7 g. per 100 ml., mixed with the yolks of eggs (25% of total vol.). This prepn. increased the efficiency of the semen prepn. J. S. Joffe

SOKOLOVSKAYA, N.S.

Simple method for analyzing moist preparations by the immersion  
system. Lab.delo 4 no.2:33 Mr-Apr '58. (MIRA 11:4)

1. Iz parazitologicheskogo otdela (zav. Sh.I.<sup>k</sup> pshteyn) Vasseynovoy  
sanitarno-epidemiologicheskoy stantsii  
(PARASITOLOGY--TECHNIQUE)

VINCH, L.V.; MEDVEDEVA, S.A. [Medviedieva, S.A.]; SOKOLOVSKAYA, N.S.  
[Sokolovs'ka, N.S.]

Design and construction of women's knit wear by the method developed  
at the Ukrainian Scientific Research Institute on the Processing of  
Synthetic Fibers. Lsh.prom. no.4:15-22 O-D '62. (MIRA 16:5)

1. Kiyevskiy Dom modeley trikotazhnykh izdeliy.  
(Knit goods industry) (Dressmaking--Pattern design)

GONCHAR, Ye.S.; SOKOLOVSKAYA, O.G.

We are improving long-distance through call service. Vest.  
sviazi 24 no. 1:16 Ja '64. (MIRA 17:5)

1. Starshiy inzh. ekspluatatsionno-tekhnicheskogo otdela  
Kiyevskogo mezhdugorodnoy telefonnoy stantsii (for Gonchar).
2. Nachal'nik planovo-finansovogo otdela Kiyevskoy mezhdugorodnoy  
telefonnoy stantsii (for Sokolovskaya).

SHKLYAR, Abram Khaimovich; SOKOLOVSKAYA, O.I.; FISHEL', I.M., tekhnred.

[Seasonal aspects of nature in White Russia] Sezonnoe razvitie  
prirody Belorussii. Minsk, Gos.uchebno-pedagog.izd-vo M-va  
prosv.BSSR, 1959. 159 p. (MIRA 13:12)  
(White Russia--Phenology)

LEYKINA, Ye.S.; MOSEVIN, S.N.; SOKOLOVSKAYA, O.M.; POLETAYEVA, O.G.

Longevity of *Cysticercus bovis* and the development of immunity  
in cysticercoasis. Med. paraz. i paraz. bol. 33 no.6:694-700  
N.D. 1964. (MIRA 18:6)

1. Otdel gel'mintologii Instituta meditsinskoy parazitologii i  
tropicheskoy meditsiny imeni Martsinovskogo Ministerstva zd'ravo-  
okhraneniya SSSR i kafedra parazitologii Moskovskoy veterinarnoy  
akademii.



SOKOLOVSKAYA, O.M.

Use of the immunoelectrophoretic method in the study of the antigenic structure of helminths; survey of the literature.  
Med. parazit. i parazit. bol. 33 no.6:735-738 N-D '64.

(MIRA 18:6)

1. Otdel gel'mintologii Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Martainovskogo Ministerstva zdravookhraneniya SSSR, Moskva.

SOKOLOVSKAYA, R.A.

Radioelectronics in agriculture. Mekh. i elek. sots. sel'khoz.  
19 no.6:60 '61. (MIRA 14:12)  
(Electronics)

SOKOLOVSKAYA, R. A.

Techniques in rural electrification operations should be continuously improved. Mekh. i elek. sots. sel'khoz. 20 no.6:37  
'62. (MIRA 16:1)

(Rural electrification)

SOKOLOVSKAYA, R. D.

SOKOLOVSKAYA, R. D.: "Atherosclerosis in the malignant variant of hypertonic disease". Moscow, 1955. Second Moscow State Medical Inst imeni I. V. Stalin.  
(Dissertation for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis' No. 51, 10 December 1955

**GOLOSOVSKAYA, M.A.; SOKOLOVSKAYA, R.D.**

Clinical aspects and morphology of pheochromocytomas. Vop.onk. 1  
no.4:98-101 '55. (MIRA 10:1)

1. Iz patologoanatomicheskogo otdeleniya (nauch. rukov - prof. P.P.  
Dvizhkov) Moskovskoy klinicheskoy bol'nitsy no.5 (glavn. vrach -  
N.I.Khitrina) Moskva, B.Kalushskaya, d.7, kv.20.  
(PARAGANGLIOMA,  
clin. & histol. aspects)

SOKOLOVSKAYA, R.D., vrach (Moskva)

~~Treatment of Addison-Biermer anemia.~~ Med. sestra 15 no.2:3-8 P '56.  
(MLRA 9:4)

(ANEMIA) (LIVER EXTRACT)

*Sokolovskaya, R.D.*  
SOKOLOVSKAYA, R.D., kand.med.nauk

Pleurisy, its treatment and prevention. Med.sestra 16 no.11:3-9  
N '57. (MIRA 11:2)  
(PLEURISY)

SOKOLOVSKAYA, R.D., kand.med.nauk (Moskva)

~~\_\_\_\_\_~~  
Pneumonia; clinical aspects, treatment, and prophylaxis.  
Med.sestra 18 no.4:8-15 Ap '59. (MIRA 12:6)  
(PNEUMONIA) (SULFANILIMIDE) (PENICILLIN)



F-1

USSR/Microbiology - General Microbiology.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67062

Author : Sokolovskaya, R.G.

Inst : -

Title : Methods for Evaluating Culture Media.

Orig Pub : Labor. delo, 1957, No 5, 31-32.

Abstract : A discrepancy was established concerning the high biochemical indices of certain culture media (pepton and nitrogen content) and the yield of a microbic material. For instance, on a fungi hydrolyzate of a meat juice in the absence of pepton, the yield of dysenteric cells was found to be three times higher than that on an acidic hydrolysate containing 6% of pepton. The author assumes that the yield of a microbic material from a definite culture volume is more specific for a culture medium than a conventional determination of its biochemical composition.

Card 1/1

- 4 -

L 06226-67 EWT(m)/EWP(t)/ETI IJP(c) JD/JG SOURCE CODE: UR/0363/66/002/008/1467/1476

ACC NR: AP6029823

AUTHOR: Kislyakov, I. P.; Mel'nikov, A. I.; Sokolovskaya, R. V.; Tokunov, O. I. 44/41

ORG: Moscow Institute of Fine Chemical Technology im. M. V. Lomonosov (Moskovskiy institut tonkoy khimicheskoy tekhnologii) 21 21

TITLE: Reactions of formation of barium tungstates in solid phases

SOURCE: AN SSSR, Izvestiya. Neorganicheskiye materialy, v. 2, no. 8, 1966, 1467-1476

TOPIC TAGS: tungstate, barium compound, barium oxide, carbonate, CHEMICAL REACTION

ABSTRACT: Thermal, x-ray, phase and chemical analyses were used to study the solid-phase reactions of  $\text{BaCO}_3$  with  $\text{WO}_3$ ,  $\text{BaCO}_3$  with  $\text{BaWO}_4$ ,  $\text{BaCO}_3$  with  $2\text{BaO} \cdot \text{WO}_3$ , and  $\text{BaWO}_4$  with  $3\text{BaO} \cdot \text{WO}_3$ . The formation of  $\text{BaWO}_4$  begins at  $300^\circ\text{C}$ ; a catalytic participation of  $\text{H}_2\text{O(g)}$  in the formation of  $\text{BaWO}_4$  is postulated. The reaction of  $\alpha\text{-BaCO}_3$  with  $\text{WO}_3$  increases markedly at  $515\text{--}575^\circ\text{C}$  and in an abrupt manner at  $950^\circ\text{C}$  as a result of the formation of a liquid eutectic phase composed of 50 mole %  $\text{BaWO}_4$  and 50 mole %  $\text{WO}_3$ . The reaction of formation of  $\text{BaWO}_4$  does not reach completion in stoichiometric compositions (at a heating rate of  $400^\circ\text{C/hr}$ ) up to  $1280^\circ\text{C}$ . An increase in excess  $\text{BaCO}_3$  above the stoichiometry causes a virtually complete formation of  $\text{BaWO}_4$  at  $950^\circ\text{C}$ . It is shown that when the mixtures  $\text{BaCO}_3/\text{WO}_3 > 1$  and  $\text{BaCO}_3/\text{BaWO}_4 = 1$  are heated, the reactions of formation of  $2\text{BaO} \cdot \text{WO}_3$  and  $3\text{BaO} \cdot \text{WO}_3$  occur irrespective of the relative amount

UDC: 546.431.786

Card 1/2

L 06226-67

ACC NR: AP6029323

3

of  $\text{BaCO}_3$  present in the mixture.  $2\text{BaO}\cdot\text{WO}_3$  is formed by the reaction of  $\text{BaCO}_3$  with  $\text{BaWO}_4$  at  $810^\circ\text{C}$ . The rate of its formation increases markedly above  $950-990^\circ\text{C}$ . The effect of formation of  $2\text{BaO}\cdot\text{WO}_3$  is displayed at  $1130-1160^\circ\text{C}$  depending upon the initial composition. In addition to  $2\text{BaO}\cdot\text{WO}_3$ ,  $3\text{BaO}\cdot\text{WO}_3$  begins to form at about  $1000^\circ\text{C}$ , and the rate of its formation increases substantially above  $1090^\circ\text{C}$ . The effect of formation shows up at  $1210-1280^\circ\text{C}$  depending upon the initial composition. Authors thank G. A. Vydrlik for performing test recordings of the composite thermograms and S. I. Kopeykin and I. V. Kovaleva for their participation in the work. Orig. art. has: 5 figures, 1 table and 11 formulas.

SUB CODE: 07/ SUBM DATE: 27Jun65/ ORIG REF: 008/ OTH REF: 009

Card 2/2

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
SOKOLOVSKAYA, R. E.																			
PROCESSES AND PROPERTIES INDEX																			
<p>SOKOLOVSKAYA (Mrs. R. E.). Методы определения физических свойств инсектицидов и фунгицидов. [Methods of testing the physical properties of insecticides and fungicides.]—<i>Bull. Leningrad Inst. for Controlling Farm and Forest Pests</i>, 3, pp. 283-293, 6 figs., 1932.</p> <p>In this paper the author briefly describes various methods and apparatus [almost exclusively German] for testing the physical properties of liquid and dust fungicides and insecticides, all of which appear to be well known.</p>																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
FROM DIVISION										TO DIVISION									
SUBJECT										SUBJECT									
AUTHOR										AUTHOR									
TITLE										TITLE									
DATE										DATE									